

Help [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

» Search Results

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **3** of **1131693** documents.  
A maximum of **500** results are displayed, **50** to a page, sorted by **Publication year** in **Ascending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

☐ Check to search within this result set

Results Key:

**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

1 **Spacedesign: a mixed reality workspace for aesthetic industrial design**

*Fiorentino, M.; de Amicis, R.; Monno, G.; Stork, A.;*  
Mixed and Augmented Reality, 2002. ISMAR 2002. Proceedings. International Symposium on , 30 Sept.-1 Oct. 2002  
Pages:86 - 318

[\[Abstract\]](#)   [\[PDF Full-Text \(1054 KB\)\]](#)   **IEEE CNF**

2 **A mixed reality system with visual and tangible interaction capability: application to evaluating automobile interior design**

*Ohshima, T.; Kuroki, T.; Yamamoto, H.; Tamura, H.;*  
Mixed and Augmented Reality, 2003. Proceedings. The Second IEEE and ACM International Symposium on , 7-10 Oct. 2003  
Pages:284 - 285

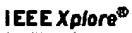

[\[Abstract\]](#)   [\[PDF Full-Text \(352 KB\)\]](#)   **IEEE CNF**

3 **Time Follower's Vision: a teleoperation interface with past images**

*Sugimoto, M.; Kagotani, G.; Nii, H.; Shiroma, N.; Matsuno, F.; Inami, M.;*  
Computer Graphics and Applications, IEEE , Volume: 25 , Issue: 1 , Jan.-Feb. 2005  
Pages:54 - 63

[\[Abstract\]](#)   [\[PDF Full-Text \(2312 KB\)\]](#)   **IEEE JNL**



  
1 Million Documents  
1 Million Users  
  
» Search Results

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

 Print Format

Your search matched **133** of **1131693** documents.  
A maximum of **500** results are displayed, **50** to a page, sorted by **Publication year** in **Ascending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

vehicle and simulat\* and (display\* or scene)

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine    CNF = Conference    STD = Standard

**1 Display Aids for Remote Control of Untethered Undersea Vehicles**  
*Verplank, W.;*  
OCEANS , Volume: 10 , Sep 1978  
Pages:238 - 241

[\[Abstract\]](#)    [\[PDF Full-Text \(272 KB\)\]](#)    IEEE CNF

**2 An environment simulator for a KBS controlled underwater vehicle**  
*Momenae, M.;*  
Unmanned Untethered Submersible Technology, Proceedings of the 1987 5th International Symposium on , Volume: 5 , Jun 1987  
Pages:561 - 566

[\[Abstract\]](#)    [\[PDF Full-Text \(280 KB\)\]](#)    IEEE CNF

**3 Modeling and simulation of underwater walking vehicles**  
*Tin-Lup Wong; Tsung-Chow Su;*  
Unmanned Untethered Submersible Technology, Proceedings of the 1987 5th International Symposium on , Volume: 5 , Jun 1987  
Pages:181 - 207

[\[Abstract\]](#)    [\[PDF Full-Text \(912 KB\)\]](#)    IEEE CNF

**4 Use of heads-up displays, speech recognition, and speech synthesis in controlling a remotely piloted space vehicle**  
*Hartley, C.S.; Pulliam, R.;*  
Aerospace and Electronic Systems Magazine, IEEE , Volume: 3 , Issue: 7 , July 1988  
Pages:18 - 26

[\[Abstract\]](#)    [\[PDF Full-Text \(920 KB\)\]](#)    IEEE JNL

**5 An integrated approach to feature based dynamic vision***Dickmanns, E.D.;*

Computer Vision and Pattern Recognition, 1988. Proceedings CVPR '88.,  
Computer Society Conference on , 5-9 June 1988  
Pages:820 - 825

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) **IEEE CNF**

---

**6 Shuttle rendezvous radar performance evaluation and simulation***Griffin, J.W.; Lindberg, A.C.; Ahn, T.B.; Harton, P.L.;*

Position Location and Navigation Symposium, 1988. Record. 'Navigation into  
the 21st Century'. IEEE PLANS '88., IEEE , 29 Nov.-2 Dec. 1988  
Pages:236 - 245

[\[Abstract\]](#) [\[PDF Full-Text \(616 KB\)\]](#) **IEEE CNF**

---

**7 3-D graphics applications in fluid flow simulations***Bancroft, G.; Merritt, F.;*

Computer Workstations, 1988., Proceedings of the 2nd IEEE Conference on  
, 7-10 March 1988  
Pages:142 - 147

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) **IEEE CNF**

---

**8 The dynamics of charged particles in the near wake of a very negatively charged body-laboratory experiment and numerical simulation***Morgan, M.A.; Chan, C.; Cooke, D.L.; Tautz, M.F.;*

Plasma Science, IEEE Transactions on , Volume: 17 , Issue: 2 , April 1989  
Pages:220 - 227

[\[Abstract\]](#) [\[PDF Full-Text \(616 KB\)\]](#) **IEEE JNL**

---

**9 Determining the motion of a remotely piloted vehicle from a sequence of images***McReynolds, D.;*

Aerospace and Electronics Conference, 1989. NAECON 1989., Proceedings of  
the IEEE 1989 National , 22-26 May 1989  
Pages:1097 - 1104 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) **IEEE CNF**

---

**10 Optical variables and control strategy used in a visual hover task***Johnson, W.W.; Phatak, A.V.;*

Systems, Man and Cybernetics, 1989. Conference Proceedings., IEEE  
International Conference on , 14-17 Nov. 1989  
Pages:719 - 724 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) **IEEE CNF**

---

**11 Intelligent route guidance: will the new horse be as good as the old?***Noy, Y.I.;*

Vehicle Navigation and Information Systems Conference, 1989. Conference  
Record , 11-13 Sept. 1989  
Pages:49 - 55

[\[Abstract\]](#) [\[PDF Full-Text \(680 KB\)\]](#) **IEEE CNF**

---

**12 Electro-optical aerial targeting workstation**

*Kreiss, W.; Lanich, W.; Niple, E.;*

Aerospace and Electronics Conference, 1989. NAECON 1989., Proceedings of the IEEE 1989 National , 22-26 May 1989

Pages:902 - 908 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(524 KB\)\]](#) **IEEE CNF**

---

**13 Road traffic monitoring using the TRIP II system**

*Dickinson, K.W.; Wan, C.L.;*

Road Traffic Monitoring, 1989., Second International Conference on , 7-9 Feb 1989

Pages:56 - 60

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) **IEE CNF**

---

**14 Map building for a mobile robot from sensory data**

*Asada, M.;*

Systems, Man and Cybernetics, IEEE Transactions on , Volume: 20 , Issue: 6 , Nov.-Dec. 1990

Pages:1326 - 1336

[\[Abstract\]](#) [\[PDF Full-Text \(1100 KB\)\]](#) **IEEE JNL**

---

**15 A real time particle system for display of ship wakes**

*Goss, M.E.;*

Computer Graphics and Applications, IEEE , Volume: 10 , Issue: 3 , May 1990

Pages:30 - 35

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) **IEEE JNL**

---

**16 Recovering shape and motion from undersea images**

*Negahdaripour, S.; Yu, C.H.; Shokrollahi, A.H.;*

Oceanic Engineering, IEEE Journal of , Volume: 15 , Issue: 3 , July 1990

Pages:189 - 198

[\[Abstract\]](#) [\[PDF Full-Text \(964 KB\)\]](#) **IEEE JNL**

---

**17 Slant range and 3D sea floor models for real-time UUV simulation**

*Winters, C.J.;*

Autonomous Underwater Vehicle Technology, 1990. AUV '90., Proceedings of the (1990) Symposium on , 5-6 June 1990

Pages:145 - 149

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) **IEEE CNF**

---

**18 Determination of washout performance of various monochrome displays under simulated flight ambient and solar lighting conditions**

*Batson, V.M.; Robertson, J.B.; Parrish, R.V.;*

Digital Avionics Systems Conference, 1990. Proceedings., IEEE/AIAA/NASA 9th , 15-18 Oct. 1990

Pages:447 - 452

[\[Abstract\]](#) [\[PDF Full-Text \(1032 KB\)\]](#) IEEE CNF

---

**19 Data base concept for a photo based image generator**

*Barsamian, S.;*

Aerospace and Electronics Conference, 1990. NAECON 1990., Proceedings of the IEEE 1990 National , 21-25 May 1990

Pages:895 - 900 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) IEEE CNF

---

**20 Space Shuttle critical function audit**

*Sacks, I.J.; DiPol, J.; Su, P.;*

Digital Avionics Systems Conference, 1990. Proceedings., IEEE/AIAA/NASA 9th , 15-18 Oct. 1990

Pages:27 - 34

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) IEEE CNF

---

**21 In-vehicle route guidance systems using map-matched dead reckoning**

*Collier, W.C.;*

Position Location and Navigation Symposium, 1990. Record. 'The 1990's - A Decade of Excellence in the Navigation Sciences'. IEEE PLANS '90., IEEE , 20-23 March 1990

Pages:359 - 363

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) IEEE CNF

---

**22 A hybrid simulator for undersea robotic telemanipulation**

*Agba, E.I.; Huang, M.Z.; Wong, T.-L.; Clark, A.M.;*

Southeastcon '90. Proceedings., IEEE , 1-4 April 1990

Pages:636 - 641 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) IEEE CNF

---

**23 Autonomous cross-country navigation: an integrated perception and planning system**

*Olin, K.E.; Tseng, D.Y.;*

Expert, IEEE [see also IEEE Intelligent Systems] , Volume: 6 , Issue: 4 , Aug. 1991

Pages:16 - 30

[\[Abstract\]](#) [\[PDF Full-Text \(2840 KB\)\]](#) IEEE JNL

---

**24 SIMCO2: simulator for performance evaluation of vehicle-beacon and inter-vehicle communication protocols (media access/knowledge-based routing)**

*Rokitansky, C.-H.;*

Vehicular Technology Conference, 1991. 'Gateway to the Future Technology in Motion', 41st IEEE , 19-22 May 1991

Pages:893 - 899

[\[Abstract\]](#) [\[PDF Full-Text \(652 KB\)\]](#) IEEE CNF

---

**25 Computer control of an autonomous road vehicle by computer**

**vision**

*Manigel, J.; Leonhard, W.;*

Industrial Electronics, Control and Instrumentation, 1991. Proceedings. IECON '91., 1991 International Conference on , 28 Oct.-1 Nov. 1991

Pages:19 - 24 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) **IEEE CNF**

---

**26 Proceedings of 1992 IEEE/AIAA 11th Digital Avionics Systems Conference**

Digital Avionics Systems Conference, 1992. Proceedings., IEEE/AIAA 11th , 5-8 Oct. 1992

[\[Abstract\]](#) [\[PDF Full-Text \(96 KB\)\]](#) **IEEE CNF**

---

**27 Evaluation of a pilot interface with an automated Nap-of-the-Earth rotorcraft system**

*Coppenbarger, R.A.; Hardy, G.H.; Dearing, M.G.; Lam, T.;*

Digital Avionics Systems Conference, 1992. Proceedings., IEEE/AIAA 11th , 5-8 Oct. 1992

Pages:74 - 84

[\[Abstract\]](#) [\[PDF Full-Text \(668 KB\)\]](#) **IEEE CNF**

---

**28 Learning autonomous navigation abilities using radial basis functions networks**

*Aste, M.; Caprile, B.;*

Intelligent Vehicles '92 Symposium., Proceedings of the , 29 June-1 July 1992  
Pages:241 - 246

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) **IEEE CNF**

---

**29 Neural control of autonomous vehicles**

*Mecklenburg, K.; Hrycej, T.; Franke, U.; Fritz, H.;*

Vehicular Technology Conference, 1992 IEEE 42nd , 10-13 May 1992  
Pages:303 - 306 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(220 KB\)\]](#) **IEEE CNF**

---

**30 Energy management displays for air combat**

*Clark, J.W.; Burley, J.R., II;*

Digital Avionics Systems Conference, 1992. Proceedings., IEEE/AIAA 11th , 5-8 Oct. 1992

Pages:573 - 579

[\[Abstract\]](#) [\[PDF Full-Text \(508 KB\)\]](#) **IEEE CNF**

---

**31 Synthetic aperture beamforming with automatic phase compensation for high frequency sonars**

*Sheriff, R.W.;*

Autonomous Underwater Vehicle Technology, 1992. AUV '92., Proceedings of the 1992 Symposium on , 2-3 June 1992

Pages:236 - 245

[\[Abstract\]](#) [\[PDF Full-Text \(892 KB\)\]](#) **IEEE CNF**

---

32 **STARSIM: an object-oriented simulation model of Space Shuttle ground processing activities**

*Linton, D.G.; Khajenoori, S.; Bullington, J.V.; Cat, H.; Halder, K.; Hebert, G.; Sinnappan, S.; Heileman, M.D.;*

Simulation Symposium, 1992. Proceedings. 25th Annual , 6-9 April 1992  
Pages:98 - 106

[\[Abstract\]](#) [\[PDF Full-Text \(600 KB\)\]](#) IEEE CNF

---

33 **Image generation implications for networked tactical training systems**

*Bess, R.D.;*

Virtual Reality Annual International Symposium, 1993., 1993 IEEE , 18-22 Sept. 1993

Pages:308 - 317

[\[Abstract\]](#) [\[PDF Full-Text \(792 KB\)\]](#) IEEE CNF

---

34 **Modeling and simulation of space robots**

*Saha, S.K.;*

Intelligent Robots and Systems '93, IROS '93. Proceedings of the 1993 IEEE/RSJ International Conference on , Volume: 3 , 26-30 July 1993

Pages:2033 - 2040 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(628 KB\)\]](#) IEEE CNF

---

35 **A vehicular traffic GIS and simulator for route guidance on NY/NJ highways**

*Holtzman, J.; Hui, J.; Moayeri, N.; Seskar, I.; Varma, H.; Yip, J.; Maric, S.; Williams, T.;*

Vehicle Navigation and Information Systems Conference, 1993., Proceedings of the IEEE-IEE , 12-15 Oct. 1993

Pages:367 - 372

[\[Abstract\]](#) [\[PDF Full-Text \(508 KB\)\]](#) IEEE CNF

---

36 **Development and evaluation of the Trafficmaster driver information system**

*Stevens, A.; Martell, D.K.;*

Vehicle Navigation and Information Systems Conference, 1993., Proceedings of the IEEE-IEE , 12-15 Oct. 1993

Pages:251 - 258

[\[Abstract\]](#) [\[PDF Full-Text \(728 KB\)\]](#) IEEE CNF

---

37 **A clutter metric based on texture**

*Meitzler, T.; Jackson, W.; Sohn, E.; Bednarz, D.;*

Circuits and Systems, 1993., Proceedings of the 36th Midwest Symposium on , 16-18 Aug. 1993

Pages:81 - 87 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) IEEE CNF

---

38 **SAR clutter suppression using probability density skewness**

*Fogler, R.; Hostetler, L.D.; Hush, D.R.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 30 , Issue:

2 , April 1994  
Pages:622 - 626

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) [IEEE JNL](#)

---

**39 Visual field information in low-altitude visual flight by line-of-sight slaved helmet-mounted displays**

*Grunwald, A.J.; Kohn, S.;*

Systems, Man and Cybernetics, IEEE Transactions on , Volume: 24 , Issue: 1 , Jan. 1994

Pages:120 - 134

[\[Abstract\]](#) [\[PDF Full-Text \(1232 KB\)\]](#) [IEEE JNL](#)

---

**40 What are virtual environments?**

*Ellis, S.R.;*

Computer Graphics and Applications, IEEE , Volume: 14 , Issue: 1 , Jan. 1994

Pages:17 - 22

[\[Abstract\]](#) [\[PDF Full-Text \(744 KB\)\]](#) [IEEE JNL](#)

---

**41 A distributed approach to 3D road scene recognition**

*Foresti, G.; Murino, V.; Regazzoni, C.S.; Vernazza, G.;*

Vehicular Technology, IEEE Transactions on , Volume: 43 , Issue: 2 , May 1994

Pages:389 - 406

[\[Abstract\]](#) [\[PDF Full-Text \(1692 KB\)\]](#) [IEEE JNL](#)

---

**42 Test vehicle for a wafer-scale thermal pixel scene simulator**

*Chapman, Q.H.; Carr, L.S.; Syrzycki, M.J.; Dufort, B.;*

Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 17 , Issue: 3 , Aug. 1994

Pages:334 - 341

[\[Abstract\]](#) [\[PDF Full-Text \(888 KB\)\]](#) [IEEE JNL](#)

---

**43 Simulation and understanding of range images acquired in fast motion**

*Ballard, P.; Vacherand, F.;*

Robotics and Automation, 1994. Proceedings., 1994 IEEE International Conference on , 8-13 May 1994

Pages:2242 - 2247 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) [IEEE CNF](#)

---

**44 Acquisition and display of a world model using an autonomous mobile land robot**

*Schneider, F.E.; Wolf, H.-L.; Holzhausen, K.-P.;*

Intelligent Robots and Systems '94. 'Advanced Robotic Systems and the Real World', IROS '94. Proceedings of the IEEE/RSJ/GI International Conference on , Volume: 2 , 12-16 Sept. 1994

Pages:769 - 775 vol.2



[\[Abstract\]](#) [\[PDF Full-Text \(684 KB\)\]](#) IEEE CNF

---

45 **Simultaneous estimation of pitch angle and lane width from the video image of a marked road**

*Behringer, R.; Hotzl, S.;*

Intelligent Robots and Systems '94. 'Advanced Robotic Systems and the Real World', IROS '94. Proceedings of the IEEE/RSJ/GI International Conference on , Volume: 2 , 12-16 Sept. 1994

Pages:966 - 973 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) IEEE CNF

---

46 **Investigation on an analog stereo retina for automobile applications**

*Yang Ni; Arion, B.; Devos, F.;*

Intelligent Vehicles '94 Symposium, Proceedings of the , 24-26 Oct. 1994

Pages:320 - 325

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) IEEE CNF

---

47 **An advanced traffic management system simulator for intelligent vehicle-highway systems research**

*Ingle, R.M.; Williams, B.D.; Sobhi, N.;*

Simulation Conference Proceedings, 1994. Winter , 11-14 Dec. 1994

Pages:1455 - 1460

[\[Abstract\]](#) [\[PDF Full-Text \(476 KB\)\]](#) IEEE CNF

---

48 **Transputer-based display management for a real-time vehicle simulator**

*Srikanthan, T.; Chan, K.Y.; Seah, H.S.; Leong, S.K.;*

TENCON '94. IEEE Region 10's Ninth Annual International Conference. Theme: 'Frontiers of Computer Technology'. Proceedings of 1994 , 22-26 Aug. 1994

Pages:15 - 19 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) IEEE CNF

---

49 **DAISY, an adaptive, knowledge-based driver monitoring and warning system**

*Onken, R.;*

Vehicle Navigation and Information Systems Conference, 1994. Proceedings., 1994 , 31 Aug.-2 Sept. 1994

Pages:3 - 10

[\[Abstract\]](#) [\[PDF Full-Text \(608 KB\)\]](#) IEEE CNF

---

50 **Integration of GGF with fielded equipment using DIS**

*Landweer, P.;*

AI, Simulation, and Planning in High Autonomy Systems, 1994. 'Distributed Interactive Simulation Environments', Proceedings of the Fifth Annual Conference on , 7-9 Dec. 1994

Pages:262 - 268

[\[Abstract\]](#) [\[PDF Full-Text \(532 KB\)\]](#) IEEE CNF

---

**[1](#) [2](#) [3](#) [Next](#)**

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.8


 IEEE Xplore®  
 1 Million Documents  
 1 Million Users  
 And Growing  
 » Search Results

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)
**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

**IEEE Enterprise**

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **133** of **1131693** documents.  
 A maximum of **500** results are displayed, **50** to a page, sorted by **Publication year** in **Ascending** order.

**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.


☐ Check to search within this result set

**Results Key:**

**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

**51 Estimation of unstabilized components in vehicular motion**

*Yi-Sheng Yao; Chellappa, R.;*

Pattern Recognition, 1994. Vol. 1 - Conference A: Computer Vision & Image Processing., Proceedings of the 12th IAPR International Conference on , Volume: 1 , 9-13 Oct. 1994  
 Pages:641 - 644 vol.1

[\[Abstract\]](#)   [\[PDF Full-Text \(324 KB\)\]](#)   **IEEE CNF**

**52 Test vehicle for a wafer-scale thermal pixel scene simulator**

*Chapman, G.H.; Carr, L.; Syrzycki, M.J.; Dufort, B.;*

Wafer Scale Integration, 1994. Proceedings., Sixth Annual IEEE International Conference on , 19-21 Jan. 1994  
 Pages:1 - 10

[\[Abstract\]](#)   [\[PDF Full-Text \(500 KB\)\]](#)   **IEEE CNF**

**53 SeaMaster: an ROV-manipulator system simulator**

*Agba, E.I.;*

Computer Graphics and Applications, IEEE , Volume: 15 , Issue: 1 , Jan. 1995

Pages:24 - 31

[\[Abstract\]](#)   [\[PDF Full-Text \(628 KB\)\]](#)   **IEEE JNL**

**54 Modeling the effects of display quality upon human pilot dynamics and perceived vehicle handling qualities**

*Hess, R.A.;*

Systems, Man and Cybernetics, IEEE Transactions on , Volume: 25 , Issue: 2 , Feb. 1995

Pages:338 - 344

[\[Abstract\]](#) [\[PDF Full-Text \(660 KB\)\]](#) IEEE JNL

---

**55 Hybrid approach for accurate echo detection in the formation of acoustic images**

*Murino, V.; Trucco, A.;*

OCEANS '95. MTS/IEEE. 'Challenges of Our Changing Global Environment'.

Conference Proceedings. , Volume: 3 , 9-12 Oct. 1995

Pages:1877 - 1882 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) IEEE CNF

---

**56 Decision-theoretic reasoning for traffic monitoring and vehicle control**

*Wellman, M.P.; Chao-Lin Liu; Pynadath, D.; Russell, S.; Forbes, J.; Huang, T.; Kanazawa, K.;*

Intelligent Vehicles '95 Symposium., Proceedings of the , 25-26 Sept. 1995

Pages:418 - 423

[\[Abstract\]](#) [\[PDF Full-Text \(508 KB\)\]](#) IEEE CNF

---

**57 Signal processing hardware and software applied to the development of a real-time infrared mission simulation test capability**

*Fugerer, R.H.; Lowry, H.S.; Hervig, D.J.; Holt, L.L.;*

Instrumentation in Aerospace Simulation Facilities, 1995. ICIASF '95 Record., International Congress on , 18-21 July 1995

Pages:42/1 - 4212

[\[Abstract\]](#) [\[PDF Full-Text \(1548 KB\)\]](#) IEEE CNF

---

**58 An evaluation of the attentional demand of selected visual route guidance systems**

*Srinivasan, R.; Jovanis, P.P.;*

Vehicle Navigation and Information Systems Conference, 1995. Proceedings.

In conjunction with the Pacific Rim TransTech Conference. 6th International VNIS. 'A Ride into the Future' , 30 July-2 Aug. 1995

Pages:140 - 146

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) IEEE CNF

---

**59 SHIVA: Simulated Highways for Intelligent Vehicle Algorithms**

*Sukthankar, R.; Pomerleau, D.; Thorpe, C.;*

Intelligent Vehicles '95 Symposium., Proceedings of the , 25-26 Sept. 1995

Pages:332 - 337

[\[Abstract\]](#) [\[PDF Full-Text \(692 KB\)\]](#) IEEE CNF

---

**60 A simulator evaluation of five in-vehicle route guidance systems**

*Srinivasan, R.; Landau, F.H.; Jovanis, P.P.;*

Vehicle Navigation and Information Systems Conference, 1995. Proceedings.

In conjunction with the Pacific Rim TransTech Conference. 6th International VNIS. 'A Ride into the Future' , 30 July-2 Aug. 1995

Pages:90 - 95

[\[Abstract\]](#) [\[PDF Full-Text \(504 KB\)\]](#) IEEE CNF

---

**61 Tool-based development of man-machine interfaces**

*Pencikowski, P.;*

Aerospace Applications Conference, 1995. Proceedings., 1995 IEEE , Issue: 0 , 4-11 Feb. 1995

Pages:343 - 349 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) IEEE CNF

---

**62 Object-oriented design of a dynamic simulation for underwater robotic vehicles**

*McMillan, S.; Orin, D.E.; McGhee, R.B.;*

Robotics and Automation, 1995. Proceedings., 1995 IEEE International Conference on , Volume: 2 , 21-27 May 1995

Pages:1886 - 1893 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(840 KB\)\]](#) IEEE CNF

---

**63 Proceedings of the Intelligent Vehicles '95. Symposium**

Intelligent Vehicles '95 Symposium., Proceedings of the , 25-26 Sept. 1995

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) IEEE CNF

---

**64 The Synthetic Battlebridge: a tool for large-scale VEs**

*Stytz, M.R.; Block, E.G.; Soltz, B.B.; Wilson, K.;*

Computer Graphics and Applications, IEEE , Volume: 16 , Issue: 1 , Jan. 1996

Pages:16 - 26

[\[Abstract\]](#) [\[PDF Full-Text \(1880 KB\)\]](#) IEEE JNL

---

**65 An engineering design simulator for advanced distributed simulation**

*Givens, B.R.;*

Aerospace and Electronics Conference, 1996. NAECON 1996., Proceedings of the IEEE 1996 National , Volume: 2 , 20-23 May 1996

Pages:565 - 571 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) IEEE CNF

---

**66 An integrated environment for fast development and performance assessment of sonar image processing algorithms - SSIE**

*Henriksen, L.;*

Autonomous Underwater Vehicle Technology, 1996. AUV '96., Proceedings of the 1996 Symposium on , 2-6 June 1996

Pages:333 - 340

[\[Abstract\]](#) [\[PDF Full-Text \(840 KB\)\]](#) IEEE CNF

---

**67 Method for evaluating human and simulated drivers in real traffic situations**

*Boer, E.R.; Fernandez, M.; Pentland, A.; Liu, A.;*

Vehicular Technology Conference, 1996. 'Mobile Technology for the Human Race', IEEE 46th , Volume: 3 , 28 April-1 May 1996

Pages:1810 - 1814 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(752 KB\)\]](#) IEEE CNF

---

**68 A situation-driven adaptive pilot/vehicle interface***Mulgund, S.S.; Zacharias, G.L.;*

Human Interaction with Complex Systems, 1996. HICS '96. Proceedings., Third Annual Symposium on , 25-28 Aug. 1996

Pages:193 - 198

[\[Abstract\]](#) [\[PDF Full-Text \(688 KB\)\]](#) IEEE CNF**69 NavTEL-a powerful analysis tool in the process of validating C-130 SCNS GPS/INS integration design***Jokerst, S.; Keith, J.; Smith, L.; Lawrence, R.; Lupash, L.; Feldmann, M.;*

Position Location and Navigation Symposium, 1996., IEEE 1996 , 22-26 April 1996

Pages:63 - 66

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) IEEE CNF**70 Drag and flow pattern around the truss structure of the International Space Station using molecular dynamics***Woo, M.-J.;*

Energy Conversion Engineering Conference, 1996. IECEC 96. Proceedings of the 31st Intersociety , Volume: 1 , 11-16 Aug. 1996

Pages:433 - 437 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) IEEE CNF**71 The 2.1 kW photovoltaic electric vehicle charging station in the city of Santa Monica, California***Ingersoll, J.G.; Perkins, C.A.;*

Photovoltaic Specialists Conference, 1996., Conference Record of the Twenty Fifth IEEE , 13-17 May 1996

Pages:1509 - 1512

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) IEEE CNF**72 The DRI Driving Simulator 1997, description and applications to the study of intelligent transportation systems***Stapleford, R.L.; Weir, D.H.; Broen, N.L.; Chiang, D.P.; Igarashi, R.;*

Intelligent Transportation System, 1997. ITSC 97. IEEE Conference on , 9-12 Nov. 1997

Pages:478 - 483

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) IEEE CNF**73 Integration of the Space Shuttle remote manipulator system virtual environment simulation***Dumas, J.; Hale, J.; Dabney, R.;*

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation'. , 1997 IEEE International Conference on , Volume: 5 , 12-15 Oct. 1997

Pages:4158 - 4162 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) IEEE CNF**74 Migration of an engineering design simulator to the high level architecture**

*Givens, F.R.; O'Quinn, D.B.;*  
Aerospace and Electronics Conference, 1997. NAECON 1997., Proceedings of  
the IEEE 1997 National , Volume: 2 , 14-17 July 1997  
Pages:564 - 570 vol.2

[\[Abstract\]](#)   [\[PDF Full-Text \(756 KB\)\]](#)   **IEEE CNF**

---

**75 Neuro-fuzzy expert system E-S-CO-V for the obstacle avoidance of intelligent autonomous vehicles (IAV)**

*Chohra, A.; Farah, A.; Belloucil, M.;*  
Intelligent Robots and Systems, 1997. IROS '97., Proceedings of the 1997  
IEEE/RSJ International Conference on , Volume: 3 , 7-11 Sept. 1997  
Pages:1706 - 1713 vol.3

[\[Abstract\]](#)   [\[PDF Full-Text \(764 KB\)\]](#)   **IEEE CNF**

---

**76 A virtual environment for learning to pilot remotely operated vehicles**

*Pioch, N.J.; Roberts, B.; Zeltzer, D.;*  
Virtual Systems and MultiMedia, 1997. VSMM '97. Proceedings., International  
Conference on , 10-12 Sept. 1997  
Pages:218 - 226

[\[Abstract\]](#)   [\[PDF Full-Text \(1160 KB\)\]](#)   **IEEE CNF**

---

**77 Analytical thermal model validation for Cassini radioisotope thermoelectric generator**

*Lin, E.I.;*  
Energy Conversion Engineering Conference, 1997. IECEC-97. Proceedings of  
the 32nd Intersociety , 27 July-1 Aug. 1997  
Pages:1445 - 1450 vol.2

[\[Abstract\]](#)   [\[PDF Full-Text \(472 KB\)\]](#)   **IEEE CNF**

---

**78 Influence of video characteristics of simulator images on remote driving performance**

*Sudarsan, S.P.; Cohen, C.J.; Du, L.Q.; Cobb, P.N.; Yager, E.S.; Jacobus, C.J.;*  
Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and  
Simulation', 1997 IEEE International Conference on , Volume: 2 , 12-15 Oct.  
1997  
Pages:1062 - 1066 vol.2

[\[Abstract\]](#)   [\[PDF Full-Text \(536 KB\)\]](#)   **IEEE CNF**

---

**79 A driving simulator as a virtual reality tool**

*Woon-Sung Lee; Jung-Ha Kim; Jun-Hee Cho;*  
Robotics and Automation, 1998. Proceedings. 1998 IEEE International  
Conference on , Volume: 1 , 16-20 May 1998  
Pages:71 - 76 vol.1

[\[Abstract\]](#)   [\[PDF Full-Text \(708 KB\)\]](#)   **IEEE CNF**

---

**80 Software design techniques for the man-machine interface to autonomous underwater vehicles**

*Yongjie Pang; You Shang; Yuru Xu;*  
Underwater Technology, 1998. Proceedings of the 1998 International

Symposium on , 15-17 April 1998  
Pages:370 - 374

[\[Abstract\]](#) [\[PDF Full-Text \(800 KB\)\]](#) [IEEE CNF](#)

---

**81 ATM network-based integrated battlespace simulation with multiple UAV-AWACS-fighter platforms**

*Kim, J.H.; DeFilipps, J.M.; Impert, N.P.; Derheim, C.F.; Thompson, M.Y.; Ray, S.; Butler, R.C., II;*

Military Communications Conference, 1998. MILCOM 98. Proceedings., IEEE  
, Volume: 1 , 18-21 Oct. 1998  
Pages:101 - 107 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(668 KB\)\]](#) [IEEE CNF](#)

---

**82 GPS/INS integration in a severe urban environment**

*Weiss, J.D.; Shields, F.;*

Position Location and Navigation Symposium, IEEE 1998 , 20-23 April 1998  
Pages:432 - 440

[\[Abstract\]](#) [\[PDF Full-Text \(1184 KB\)\]](#) [IEEE CNF](#)

---

**83 New perspectives on mobile robot navigation with visual and inertial information**

*Dias, J.; Fonseca, I.; Lobo, J.;*

Advanced Motion Control, 1998. AMC '98-Coimbra., 1998 5th International Workshop on , 29 June-1 July 1998  
Pages:261 - 266

[\[Abstract\]](#) [\[PDF Full-Text \(676 KB\)\]](#) [IEEE CNF](#)

---

**84 A vision system for real-time positioning, navigation, and video mosaicing of sea floor imagery in the application of ROVs/AUVs**

*Negahdaripour, S.; Xu, X.; Khamene, A.;*

Applications of Computer Vision, 1998. WACV '98. Proceedings., Fourth IEEE Workshop on , 19-21 Oct. 1998  
Pages:248 - 249

[\[Abstract\]](#) [\[PDF Full-Text \(204 KB\)\]](#) [IEEE CNF](#)

---

**85 Evaluation of power quality in a missile test range using a PC based power disturbance analyser**

*Gope, P.C.; Jayakrishnan, U.;*

Power Quality '98 , 1998  
Pages:217 - 223

[\[Abstract\]](#) [\[PDF Full-Text \(520 KB\)\]](#) [IEEE CNF](#)

---

**86 Telerobotic ground control of a space free-flyer**

*Borst, C.W.; Volz, R.A.;*

Intelligent Robots and Systems, 1998. Proceedings., 1998 IEEE/RSJ International Conference on , Volume: 2 , 13-17 Oct. 1998  
Pages:1183 - 1189 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(684 KB\)\]](#) [IEEE CNF](#)

---



**87 Drop/impact simulation and test validation of telecommunication products**

*Wu, J.; Song, G.; Yeh, C.-P.; Wyatt, K.;*

Thermal and Thermomechanical Phenomena in Electronic Systems, 1998.

ITHERM '98. The Sixth Intersociety Conference on , 27-30 May 1998

Pages:330 - 336

[\[Abstract\]](#) [\[PDF Full-Text \(796 KB\)\]](#) IEEE CNF

---

**88 Fusion of fixation and odometry for vehicle navigation**

*Adam, A.; Rivlin, E.; Rotstein, H.;*

Systems, Man and Cybernetics, Part A, IEEE Transactions on , Volume: 29

, Issue: 6 , Nov. 1999

Pages:593 - 603

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) IEEE JNL

---

**89 Coding of dynamic texture for mapping on 3-D scenes**

*DeKnudt, B.; Desmet, S.; Van Eycken, L.;*

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 9

, Issue: 2 , March 1999

Pages:210 - 217

[\[Abstract\]](#) [\[PDF Full-Text \(732 KB\)\]](#) IEEE JNL

---

**90 Fusion of fixation and odometry for vehicle navigation**

*Adam, A.; Rivlin, E.; Rotstein, H.;*

Robotics and Automation, 1999. Proceedings. 1999 IEEE International

Conference on , Volume: 2 , 10-15 May 1999

Pages:1638 - 1643 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) IEEE CNF

---

**91 Study of visual cues for unmanned aerial vehicle waypoint allocation**

*Trinh, T.T.; Kuchar, J.K.;*

Digital Avionics Systems Conference, 1999. Proceedings. 18th , Volume: 1/17

pp. vol.1 , 24-29 Oct. 1999

Pages:4.D.5-1 - 4.D.5-8 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(580 KB\)\]](#) IEEE CNF

---

**92 An experimental investigation of a CW/CA system for automobiles using hardware-in-the-loop simulations**

*Kunsoo Huh; Chanwon Seo; Joonyoung Kim; Daegun Hong;*

American Control Conference, 1999. Proceedings of the 1999 , Volume: 1

, 2-4 June 1999

Pages:724 - 728 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) IEEE CNF

---

**93 AGV autonomous driving based on scene recognition acquired by simplified SDM**

*Furukawa, M.; Watanabe, M.; Kakazu, Y.;*

Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings.

1999 IEEE International Conference on , Volume: 6 , 12-15 Oct. 1999

Pages:649 - 654 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(508 KB\)\]](#) IEEE CNF

---

94 **Modern concepts for avionics systems validation test environments**

*Mayer, J.T.B.; Montanez, L.; Roberts, J.A.; Graves, R.D.;*  
Aerospace Conference, 1999. Proceedings. 1999 IEEE , Volume: 1 , 6-13  
March 1999  
Pages:441 - 448 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(656 KB\)\]](#) IEEE CNF

---

95 **A tool for architecture trades and optimization for air and space based avionic systems**

*Patel, M.I.; Wren, B.; Wijesekera, D.;*  
Digital Avionics Systems Conference, 1999. Proceedings. 18th , Volume: 1/17  
pp. vol.1 , 24-29 Oct. 1999  
Pages:1.B.2-1 - 1.B.2-9 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(740 KB\)\]](#) IEEE CNF

---

96 **Distributed control for teleoperations**

*Ho, Y.F.; Masuda, H.; Oda, H.; Stark, L.W.;*  
Advanced Intelligent Mechatronics, 1999. Proceedings. 1999 IEEE/ASME  
International Conference on , 19-23 Sept. 1999  
Pages:323 - 328

[\[Abstract\]](#) [\[PDF Full-Text \(1004 KB\)\]](#) IEEE CNF

---

97 **Distributed control for tele-operations**

*Yeuk Fai Ho; Masuda, H.; Oda, H.; Stark, L.W.;*  
Mechatronics, IEEE/ASME Transactions on , Volume: 5 , Issue: 2 , June 2000  
Pages:100 - 109

[\[Abstract\]](#) [\[PDF Full-Text \(896 KB\)\]](#) IEEE JNL

---

98 **Towards a learning autonomous driver system**

*Krodel, M.; Kuhnert, K.-D.;*  
Industrial Electronics Society, 2000. IECON 2000. 26th Annual Conference of  
the IEEE , Volume: 1 , 22-28 Oct. 2000  
Pages:52 - 57 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(686 KB\)\]](#) IEEE CNF

---

99 **Real-time animation software for displaying sensor images and actuator operations in a spacecraft**

*Chun, J.; Kailath, T.;*  
American Control Conference, 2000. Proceedings of the 2000 , Volume: 6  
, 28-30 June 2000  
Pages:4419 - 4420 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) IEEE CNF

---

100 **Simulation of the deep sea mosaicking process**

*Howland, J.C.; Singh, H.;*

OCEANS 2000 MTS/IEEE Conference and Exhibition , Volume: 2 , 11-14 Sept.  
2000  
Pages:1353 - 1357 vol.2

[\[Abstract\]](#)   [\[PDF Full-Text \(440 KB\)\]](#)   **IEEE CNF**

---

**[Prev](#)   [1](#)   [2](#)   [3](#)   [Next](#)**

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.8


 IEEE Xplore®  
 1 Million Documents  
 1 Million Users  
 And Growing

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)» [Search Results](#)**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

**IEEE Enterprise**

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **133** of **1131693** documents.  
 A maximum of **500** results are displayed, **50** to a page, sorted by **Publication year in Ascending** order.

**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.


☐ Check to search within this result set
**Results Key:**

**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

**101 Exploiting force feedback in pilot training and control of an underwater robotics vehicle: an implementation in LabVIEW**  
*Xunzhang Wang; Seet, G.G.L.; Lau, M.W.S.; Low, E.; Tan, K.C.;*  
 OCEANS 2000 MTS/IEEE Conference and Exhibition , Volume: 3 , 11-14 Sept. 2000  
 Pages:2037 - 2042 vol.3

[\[Abstract\]](#)   [\[PDF Full-Text \(716 KB\)\]](#)   **IEEE CNF**

**102 Design of vehicle lateral guidance system for driver assistance**  
*Kai-Ten Feng; Han-Shue Tan; Tomizuka, M.;*  
 American Control Conference, 2000. Proceedings of the 2000 , Volume: 4 , 28-30 June 2000  
 Pages:2553 - 2557 vol.4

[\[Abstract\]](#)   [\[PDF Full-Text \(456 KB\)\]](#)   **IEEE CNF**

**103 The development of a driver vision support system using far infrared technology: progress to date on the DARWIN project**  
*Barham, P.; Zhang, X.H.; Andreone, L.; Vache, M.;*  
 Intelligent Vehicles Symposium, 2000. IV 2000. Proceedings of the IEEE , 3-5 Oct. 2000  
 Pages:545 - 549

[\[Abstract\]](#)   [\[PDF Full-Text \(456 KB\)\]](#)   **IEEE CNF**

**104 Virtual environment simulation for image processing sensor evaluation**  
*Redmill, K.A.; Martin, J.I.; Ozgliner, U.;*  
 Intelligent Transportation Systems, 2000. Proceedings. 2000 IEEE , 1-3 Oct. 2000  
 Pages:64 - 70

[\[Abstract\]](#) [\[PDF Full-Text \(600 KB\)\]](#) IEEE CNF

---

105 **Multipurpose virtual-reality-based motion simulator**

*Chin-Teng Lin; I-Fang Chung; Shaw-An Liann; Feng-Yu Su;*

Intelligent Control and Automation, 2000. Proceedings of the 3rd World Congress on , Volume: 4 , 28 June-2 July 2000

Pages:2699 - 2704 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) IEEE CNF

---

106 **Sensor and data fusion design and evaluation with a virtual environment simulator**

*Redmill, K.A.; Martin, J.I.; Ozguner, U.; Tamura, K.;*

Intelligent Vehicles Symposium, 2000. IV 2000. Proceedings of the IEEE , 3-5 Oct. 2000

Pages:668 - 674

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) IEEE CNF

---

107 **Relocalisation without explicit feature description in natural environments**

*Rolfes, S.; Rendas, M.J.;*

Emerging Technologies and Factory Automation, 2001. Proceedings. 2001 8th IEEE International Conference on , 15-18 Oct. 2001

Pages:41 - 49 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(965 KB\)\]](#) IEEE CNF

---

108 **A system to evaluate the accuracy of a visual mosaicking methodology**

*Garcia, R.; Batlle, J.; Cufi, X.;*

OCEANS, 2001. MTS/IEEE Conference and Exhibition , Volume: 4 , 5-8 Nov. 2001

Pages:2570 - 2576 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(539 KB\)\]](#) IEEE CNF

---

109 **Flexible system architecture for rapid algorithmic prototyping of multi-sensorial driver assistance systems**

*Muller, T.; Furst, S.;*

Intelligent Transportation Systems, 2001. Proceedings. 2001 IEEE , 25-29 Aug. 2001

Pages:303 - 308

[\[Abstract\]](#) [\[PDF Full-Text \(568 KB\)\]](#) IEEE CNF

---

110 **Multipurpose virtual-reality-based motion simulator**

*Chin-Teng Lin; I-Fang Chung; Jiann-Yow Lin;*

Systems, Man, and Cybernetics, 2001 IEEE International Conference on , Volume: 5 , 7-10 Oct. 2001

Pages:2846 - 2851 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(581 KB\)\]](#) IEEE CNF

---

111 **MTS/IEEE Oceans 2001. An Ocean Odyssey. Conference**

**Proceedings (IEEE Cat. No.01CH37295)**

OCEANS, 2001. MTS/IEEE Conference and Exhibition , Volume: 2 , 5-8 Nov. 2001

[\[Abstract\]](#) [\[PDF Full-Text \(474 KB\)\]](#) [IEEE CNF](#)

---

**112 Adaptive progressive vertex tracing in distributed environments**

*Ullmann, T.; Bruderlin, B.; Beier, D.; Schmidt, A.;*

Computer Graphics and Applications, 2001. Proceedings. Ninth Pacific Conference on , 16-18 Oct. 2001

Pages:285 - 294

[\[Abstract\]](#) [\[PDF Full-Text \(1052 KB\)\]](#) [IEEE CNF](#)

---

**113 jMocha: a model checking tool that exploits design structure**

*Alur, R.; de Alfaro, L.; Grosu, R.; Henzinger, T.A.; Kang, M.; Kirsch, C.M.; Majumdar, R.; Mang, F.; Wang, B.Y.;*

Software Engineering, 2001. ICSE 2001. Proceedings of the 23rd International Conference on , 12-19 May 2001

Pages:835 - 836

[\[Abstract\]](#) [\[PDF Full-Text \(196 KB\)\]](#) [IEEE CNF](#)

---

**114 VR-based teleautonomous system for AGV path guidance**

*Chao-Huang Wei; Shang-Ping Chen;*

Control, Automation, Robotics and Vision, 2002. ICARCV 2002. 7th International Conference on , Volume: 3 , 2-5 Dec. 2002

Pages:1262 - 1267 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) [IEEE CNF](#)

---

**115 Optimum camera placement by robot teams in unstructured field environments**

*Sujan, V.A.;*

Image Processing, 2002. Proceedings. 2002 International Conference on , Volume: 3 , 24-28 June 2002

Pages:861 - 864 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(402 KB\)\]](#) [IEEE CNF](#)

---

**116 A distributed omnidirectional vision sensor**

*Mordovanaki, A.G.; Lakshmanan, S.;*

Intelligent Vehicle Symposium, 2002. IEEE , Volume: 1 , 17-21 June 2002

Pages:104 - 108 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(337 KB\)\]](#) [IEEE CNF](#)

---

**117 Development of an immersive teleoperating system for unmanned helicopter**

*Koeda, M.; Matsumoto, Y.; Ogasawara, T.;*

Robot and Human Interactive Communication, 2002. Proceedings. 11th IEEE International Workshop on , 25-27 Sept. 2002

Pages:47 - 52

[\[Abstract\]](#) [\[PDF Full-Text \(406 KB\)\]](#) [IEEE CNF](#)

---

**118 On-board camera 3D-motion analysis***Uchimura, K.; Zhencheng Hu;*

Information, Decision and Control, 2002. Final Program and Abstracts , 11-13 Feb. 2002

Pages:123 - 128

[\[Abstract\]](#) [\[PDF Full-Text \(197 KB\)\]](#) [IEEE CNF](#)**119 Oceans 2002 Conference and Exhibition. Conference Proceedings (Cat. No.02CH37362)**

Oceans '02 MTS/IEEE , Volume: 3 , 29-31 Oct. 2002

[\[Abstract\]](#) [\[PDF Full-Text \(2135 KB\)\]](#) [IEEE CNF](#)**120 Visually built task models for robot teams in unstructured environments***Sujan, V.A.; Dubowsky, S.;*

Robotics and Automation, 2002. Proceedings. ICRA '02. IEEE International Conference on , Volume: 2 , 11-15 May 2002

Pages:1782 - 1787 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(717 KB\)\]](#) [IEEE CNF](#)**121 Qualitative traffic analysis using image processing and time-delayed neural network***Razavi, S.N.; Fathy, M.;*

Intelligent Transportation Systems, 2002. Proceedings. The IEEE 5th International Conference on , 2002

Pages:55 - 60

[\[Abstract\]](#) [\[PDF Full-Text \(498 KB\)\]](#) [IEEE CNF](#)**122 A bearing-only control law for stable docking of unicycles***Ran Wei; Mahony, R.; Austin, D.;*

Intelligent Robots and Systems, 2003. (IROS 2003). Proceedings. 2003 IEEE/RSJ International Conference on , Volume: 4 , 27-31 Oct. 2003

Pages:3793 - 3798 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(549 KB\)\]](#) [IEEE CNF](#)**123 The development of autonomous underwater vehicle's semi-physical virtual reality system***Kaizhou Liu; Jian Liu; Yu Zhang; Hongli Xu; Xisheng Feng;*

Robotics, Intelligent Systems and Signal Processing, 2003. Proceedings. 2003 IEEE International Conference on , Volume: 1 , 8-13 Oct. 2003

Pages:301 - 306 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(401 KB\)\]](#) [IEEE CNF](#)**124 High performance mobile shielded shelter for telemetry application in combat vehicles***Sathyamurthy, S.; Elangovan, N.; Ravichandran, A.;*

Electromagnetic Interference and Compatibility, 2003. INCEMIC 2003. 8th International Conference on , 18-19 Dec. 2003

Pages:199 - 202

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) IEEE CNF

---

**125 Measuring and monitoring system for electric cars**

*Kuchta, R.; Vrba, R.;*

Diagnostics for Electric Machines, Power Electronics and Drives, 2003.

SDEMPED 2003. 4th IEEE International Symposium on , 24-26 Aug. 2003

Pages:342 - 344

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) IEEE CNF

---

**126 Across-the-road photo traffic radars: new calibration techniques**

*Weil, C.M.; Camell, D.; Novotny, D.R.; Johnk, R.T.;*

Microwaves, Radar and Wireless Communications, 2004. MIKON-2004. 15th

International Conference on , Volume: 3 , 17-19 May 2004

Pages:889 - 892 Vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(315 KB\)\]](#) IEEE CNF

---

**127 Vision-based road-following using a small autonomous aircraft**

*Frew, E.; McGee, T.; ZuWhan Kim; Xiao Xiao; Jackson, S.; Morimoto, M.;*

*Rathinam, S.; Padial, J.; Sengupta, R.;*

Aerospace Conference, 2004. Proceedings. 2004 IEEE , Volume: 5 , 6-13

March 2004

Pages:3006 - 3015 Vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(778 KB\)\]](#) IEEE CNF

---

**128 Dynamic situation and threat assessment for collision warning systems: the EUCLIDE approach**

*Polychronopoulos, A.; Tsogas, M.; Amditis, A.; Scheunert, U.; Andreone, L.;*

*Tango, F.;*

Intelligent Vehicles Symposium, 2004 IEEE , 14-17 June 2004

Pages:636 - 641

[\[Abstract\]](#) [\[PDF Full-Text \(652 KB\)\]](#) IEEE CNF

---

**129 A comparative study of fast dense stereo vision algorithms**

*Sunyoto, H.; van der Mark, W.; Gavrilu, D.M.;*

Intelligent Vehicles Symposium, 2004 IEEE , 14-17 June 2004

Pages:319 - 324

[\[Abstract\]](#) [\[PDF Full-Text \(806 KB\)\]](#) IEEE CNF

---

**130 Age differences in behavioral and visual characteristics while driving with narrow road driving assistance system**

*Sato, T.; Kawashima, H.; Daimon, T.;*

Intelligent Vehicles Symposium, 2004 IEEE , 14-17 June 2004

Pages:477 - 482

[\[Abstract\]](#) [\[PDF Full-Text \(721 KB\)\]](#) IEEE CNF

---

**131 Shared control between human and machine: haptic display of automation during manual control of vehicle heading**

*Griffiths, P.; Gillespie, R.B.;*

Haptic Interfaces for Virtual Environment and Teleoperator Systems, 2004.

HAPTICS '04. Proceedings. 12th International Symposium on , 27-28 March



2004  
Pages:358 - 366

[\[Abstract\]](#) [\[PDF Full-Text \(1563 KB\)\]](#) [IEEE CNF](#)

---

**132 Modelling and analysis of an active suspension 1/4 of vehicle with bond graph**

*Khemliche, M.; Dif, I.; Latreche, S.; Bouamama, B.O.;*  
Control, Communications and Signal Processing, 2004. First International Symposium on , 21-24 March 2004  
Pages:811 - 814

[\[Abstract\]](#) [\[PDF Full-Text \(1509 KB\)\]](#) [IEEE CNF](#)

---

**133 Effects of display arrangement for multiple-warning environment of in-vehicle information systems on driving performance**

*Shiki, K.; Sato, T.; Daimon, T.; Kawashima, H.; Ikeda, A.;*  
Intelligent Vehicles Symposium, 2004 IEEE , 14-17 June 2004  
Pages:459 - 464

[\[Abstract\]](#) [\[PDF Full-Text \(670 KB\)\]](#) [IEEE CNF](#)

---

[Prev](#) [1](#) [2](#) [3](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

**CiteSeer**  
Scholarly Literature Online Library

Find: (

Citations

Documents

Searching for **(mixed reality or augmented reality) and (automobile or vehicle)**.

Restrict to: Header Title Order by: Expected citations Hubs Usage Date Try:  
Google (CiteSeer) Google (Web) Yahoo! MSN CSB DBLP  
62 documents found. **Order: number of citations.**

A Survey of Augmented Reality - Azuma (1995) (Correct) (86 citations)

Milgram, Paul, and Fumio Kishino. A Taxonomy of **Mixed Reality** Virtual Displays. IEICE Transactions on

A Survey of **Augmented Reality** Ronald T. Azuma Hughes Research

be used for any complicated machinery, such as **automobile** engines [Tuceryan95]Figure 3: External view

ftp.cs.columbia.edu/pub/feiner/AzumaARpresence.ps.gz

Calibration Requirements and Procedures for a.. - Tuceryan, Greer.. (1995) (Correct) (19 citations)

and Procedures for a Monitor-Based **Augmented Reality** System Mihran Tuceryan Douglas S. Greer

about those objects. In contrast to virtual reality, **augmented reality** brings the computer into the

maintenance data while repairing a complicated **automobile**, locomotive, or aircraft engine. In this second

ftp.gg.caltech.edu/pub/david/TVCG-paper.ps.Z

A Wearable Spatial Conferencing Space - Billingham (1998) (Correct) (14 citations)

aid communication. The result is a wearable **augmented reality** communication space with audio enabled

maintenance [2]navigational assistance [3] and **vehicle** mechanics [4]In such applications wearables

user performance, halving task time in the case of **vehicle** inspection [4]Many of the target application

c2000.cc.gatech.edu/classes/cs8113c\_99\_spring/readings/billinghurst.pdf

Transvision: A Hand-Held Augmented Reality System For.. - Rekimoto (1996) (Correct) (8 citations)

Transvision: A Hand-Held **Augmented Reality** System For Collaborative Design Jun

when a group of engineers is designing a new **automobile**, they would build a clay model of the

www.csl.sony.co.jp/person/rekimoto/papers/vsimm96.ps.gz

Reconstructing Textured CAD Model of Urban Environment Using.. - Zhao, Shibasaki (2001) (Correct) (7 citations)

System)and applications using virtual and **augmented reality**, details of urban out-door objects are

(e.g. 1,5,12]With the development of **automobile** navigation system, 3D GIS (Geographic

Textured CAD Model of Urban Environment Using **Vehicle**-Borne Laser Range Scanners and Line Cameras

[shiba.iis.u-tokyo.ac.jp/pub/publ/.../member/current/zhao/homepage/icvs2001.pdf](http://shiba.iis.u-tokyo.ac.jp/pub/publ/.../member/current/zhao/homepage/icvs2001.pdf)

Nexus - An Open Global Infrastructure for.. - Hohl, Kubach.. (1999) (Correct) (7 citations)

like this and early prototypes of **augmented reality** applications or such that are based on an Augmented Area is of interest for Intelligent **Vehicle** Highway Systems. Another feature of the

[www.informatik.uni-stuttgart.de/ipvr/vs/Publications/1999-hohlEA-01.ps.gz](http://www.informatik.uni-stuttgart.de/ipvr/vs/Publications/1999-hohlEA-01.ps.gz)

Shared Spaces: Transportation, Artificiality, and.. - Benford, Brown.. (1996) (Correct) (7 citations)

mixed realities. We present an example of a **mixed reality** called the Internet Foyer, an application

interact with them in the virtual world [9]**Augmented reality** systems (e.g. the Head-up Displays

Second, it will use this classification as a **vehicle** for introducing the idea of mixed realities [ftp.crg.cs.nott.ac.uk/pub/papers/CSCW96.ps.gz](http://ftp.crg.cs.nott.ac.uk/pub/papers/CSCW96.ps.gz)

Annotating Real-World Objects Using Augmented Reality - Rose, Breen, Ahlers.. (1995) (Correct) (6 citations)

Annotating Real-World Objects Using **Augmented Reality** Eric Rose David Breen Klaus H. Ahlers

where AR is used to annotate parts of an **automobile** engine that are identified by a user. The user

[ftp.gg.caltech.edu/pub/david/ECRC-94-41.ps.Z](http://ftp.gg.caltech.edu/pub/david/ECRC-94-41.ps.Z)

Tinmith-Metro: New Outdoor Techniques for Creating City.. - Piekarski, Thomas (2001) (Correct) (4 citations)

Techniques for Creating City Models with an **Augmented Reality** Wearable Computer Wayne Piekarski and Bruce

believe the user's hands is the most appropriate **vehicle** to communicate with the computer. Finally,

[www.tinmith.net/papers/piekarski-iswc-2001.pdf](http://www.tinmith.net/papers/piekarski-iswc-2001.pdf)

Spatially Augmented Reality - Raskar, Welch, Fuchs (1998) (Correct) (4 citations)

P Milgram and F Kishino. A taxonomy of **mixed reality** visual displays"IEICE (Institute of First International Workshop on **Augmented Reality**, San Francisco, November 1, 1998. alternate appearances on or inside a life-sized **automobile** mockup. The approach could also be used for

[www.cs.unc.edu/~welch/media/pdf/IWAR\\_SAR.pdf](http://www.cs.unc.edu/~welch/media/pdf/IWAR_SAR.pdf)

An Evaluation of Wearable Information Spaces - Billingham, Bowskill, Dyer.. (1998) (Correct) (4 citations)

cues further enhanced performance. KEYWORDS **Augmented Reality**, Wearable Computing, 3D Interfaces, Spatial

maintenance [2]navigational assistance [3] and **vehicle** mechanics [4]In such applications wearables

reducing task time by half in the case of **vehicle** inspection [4] There are unique challenges in  
[www.hitl.washington.edu/publications/r-97-35/r-97-35.ps](http://www.hitl.washington.edu/publications/r-97-35/r-97-35.ps)

Miniature 6-DOF inertial system for tracking HMDs - Michael (1998) (Correct)  
(2 citations)

bottlenecks in virtual environment, **augmented reality** (AR) and teleoperator systems using including inside of confined spaces such as **automobiles** and cockpit simulators. Of course, when this developed for the automotive and remotely piloted **vehicle** markets. These have drift rates ranging from  
[www.isense.com/company/papers/AeroSense98.pdf](http://www.isense.com/company/papers/AeroSense98.pdf)

Notational Support for the Design of Augmented Reality Systems - Dubois, Silva, Gray (2002) (Correct) (2 citations)

Virtuality systems, AV. The notion of **Mixed Reality**, introduced by Milgram and Kishino [13]

Notational Support for the Design of **Augmented Reality** Systems Emmanuel Dubois 1 Paulo

world is not direct. As opposed to **Mixed Reality**, **augmented reality** approaches developed in the HCI  
[www.ksl.stanford.edu/people/pp/papers/Dubois\\_DSVIS\\_2002.ps](http://www.ksl.stanford.edu/people/pp/papers/Dubois_DSVIS_2002.ps)

Remote Driving With a Multisensor User Interface - Terrien, Fong, Thorpe, Baur (2000) (Correct) (2 citations)

L'ecole Polytechnique Fdrale De Lausanne **Augmented Reality Augmented Reality** Is A Variation Of

Polytechnique Fdrale De Lausanne **Augmented Reality Augmented Reality** Is A Variation Of Virtual

telerobots. In particular, the Virtual Environment **Vehicle** Interface (VEVI) combines data from a variety of  
[vrai-group.epfl.ch/papers/ICES00-GT.pdf](http://vrai-group.epfl.ch/papers/ICES00-GT.pdf)

Location and Recovery of Text on Oriented Surfaces - Clark, Mirmehdi (2000) (Correct)  
(2 citations)

by voice synthesis through earphones, or by **augmented reality** glasses which overlay graphics on top of scanner with a point and click camera, **vehicle** navigation and control (recognition of text on  
[www.cs.bris.ac.uk/Tools/Reports/Ps/joey1.ps.gz](http://www.cs.bris.ac.uk/Tools/Reports/Ps/joey1.ps.gz)

Virtually Telling Robots What to Do - Simsarian, Fahlen, Frecon (1995) (Correct)  
(2 citations)

system comes from research in virtual and **augmented reality**, autonomous robotics and computer vision.

on real scenes as well as graphical **vehicle** guidance[15] and enhanced displays for The user enters a virtual world where a robot **vehicle** is graphically located and depicted. This  
<ftp://sics.se/users/kristian/virtual/virtual.ps.Z>

Contextual Awareness, Messaging and Communication in Nomadic.. - Sawhney (1998)

(Correct) (2 citations)

29 2.3 Wearable Computing and Audio **Augmented Reality** 30 2.3.1 Remembrance Agent  
30 2.3.2

navigation and information system for **automobiles**. The faceplate provides buttons and controls

2.2.6 Audio Highway's Listen Up Player 28 2.2.7 In-**Vehicle** Communication and Navigation Systems

nitin.[www.media.mit.edu/people/nitin/papers/./msthesis/nomadic\\_thesis98.ps.gz](http://www.media.mit.edu/people/nitin/papers/./msthesis/nomadic_thesis98.ps.gz)

Improving the Registration Precision by Visual Horizon.. - Behringer (1998) (Correct)

(1 citation)

awareness in an outdoor scenario by **Augmented Reality** (AR) techniques can utilize visual clues

being ported to be operated in an outdoor **vehicle**, using the registration approach described in

[hci.rsc.rockwell.com/Publications/RBiwar98.ps](http://hci.rsc.rockwell.com/Publications/RBiwar98.ps)

*First 20 documents* [Next 20](#)

Try your query at: [Google \(CiteSeer\)](#) [Google \(Web\)](#) [Yahoo!](#) [MSN](#) [CSB](#)  
[DBLP](#)

CiteSeer.IST - Copyright [Penn State](#) and [NEC](#)



Find: (

Documents

Citations

Searching for **(mixed reality or augmented reality) and (automobile or vehicle)**.

Restrict to: Header Title Order by: Expected citations Hubs Usage Date Try:

Google (CiteSeer) Google (Web) Yahoo! MSN CSB DBLP

62 documents found. **Order: number of citations.**

Collaborative Virtual Environments: Managing the Shared Spaces - Zhao, Georganas (2001) (Correct) (1 citation)

design and engineering, collaborative **augmented reality** for sharing spaces, multi-user virtual

the SIMNET project and generated a real-time **vehicle**-level distributed interactive (virtual) simulation system. In SIMNET 7] individual **vehicle** simulators are connected via a computer network,

[www.mcrlab.uottawa.ca/papers/NIS\\_CVE.pdf](http://www.mcrlab.uottawa.ca/papers/NIS_CVE.pdf)

Real World Teleoperation via Virtual Environment Modelling - Milgram, al. (1997) (Correct) (1 citation)

10. Milgram P & Kishino F: A taxonomy of **mixed reality** displays" IEICE Trans. Information and

we review two complementary approaches: **Augmented Reality** TELeManipulation Interface System (ARTEMIS)

the prescribed work activity? Locomotion: remote **vehicle** moves (relatively rapidly) through worksite

[vered.rose.utoronto.ca/publication/1997/Milgram\\_Ballantyne\\_ICAT1997.pdf](http://vered.rose.utoronto.ca/publication/1997/Milgram_Ballantyne_ICAT1997.pdf)

The Importance of Being Mobile: Some Social Consequences of.. - Feiner (1999) (Correct) (1 citation)

Mobile: Some Social Consequences of Wearable **Augmented Reality** Systems Steven K. Feiner Department of

are neither head-worn nor headtracked, such as **vehicle** instrumentation superimposed on the user's view

[www.cs.columbia.edu/graphics/publications/FEINERiwar99.pdf](http://www.cs.columbia.edu/graphics/publications/FEINERiwar99.pdf)

Reality Portals - Akesson, Simsarian (1999) (Correct) (1 citation)

and Constructing Shared Spaces with **Mixed Reality** Boundaries, Transactions on Computer Human

converse of the more well-known technique of **Augmented Reality**. The goals of using video images in the

Similar applications for repairing an **automobile** engine have also been demonstrated with [www.sics.se/%7Ekalle/published/VRST99/reality\\_portals.pdf](http://www.sics.se/%7Ekalle/published/VRST99/reality_portals.pdf)

Making Augmented Reality Work Outdoors Requires Hybrid.. - Azuma, Hoff, III.. (1998) (Correct) (1 citation)

of the First International Workshop on **Augmented Reality** San Francisco, CA, 1 Nov. 1998) Making

such as the CMU VuMan system, have been used for **vehicle** maintenance applications in

outdoor settings.

[www.cs.unc.edu/~azuma/IWARpos.pdf](http://www.cs.unc.edu/~azuma/IWARpos.pdf)

VHS to VRML: 3D Graphical Models from Video Sequences - Zisserman, Fitzgibbon, Cross (1999) (Correct) (1 citation)

the original real image sequence [15]An **'augmented reality'** facility of this type is of use for

The images are acquired by a camera mounted on a **vehicle** moving down a corridor. A three dimensional

Corridor sequence A camera is mounted on a mobile **vehicle** for this sequence. The **vehicle** moves along the

[imogen.robots.ox.ac.uk:20000/~vgg/vggpapers/Zisserman99.ps.gz](http://imogen.robots.ox.ac.uk:20000/~vgg/vggpapers/Zisserman99.ps.gz)

The AMODEUS Project - Esprit Basic (1992) (Correct) (1 citation)

that fall into the category of virtual or **augmented reality** is that they rely on the cognitive is critical, as it serves two roles -as a **vehicle** for expressing the system and user models, and

[ftp.mrc-apu.cam.ac.uk/pub/amodeus/design/id\\_wp55.ps.Z](http://ftp.mrc-apu.cam.ac.uk/pub/amodeus/design/id_wp55.ps.Z)

Software Architecture and Wearable Computing - Kortuem (1996) (Correct) (1 citation)

alike [Boeing 1996]The combination of **augmented-reality**, mobility, and hands-free operation

of complex machinery like airplanes and **vehicles**, quality control and machine operation in on software architecture may provide a suitable **vehicle** for the rapid and principled construction of

[www.cs.uoregon.edu/~kortuem/htbin/download.cgi?/cs/www/home/research/wearables/Paper](http://www.cs.uoregon.edu/~kortuem/htbin/download.cgi?/cs/www/home/research/wearables/Paper)

An Event-Based Data Distribution Mechanism for.. - Augmented Reality And (Correct) Mechanism for Collaborative Mobile **Augmented Reality** and Virtual Environments Dennis Brown,

observe that an environmental feature (such as a **vehicle**) is not where the database indicates it should

[www.ait.nrl.navy.mil/vrlab/pages/./papers/cp\\_VR03a.pdf](http://www.ait.nrl.navy.mil/vrlab/pages/./papers/cp_VR03a.pdf)

Using the Concept of Augmented Reality as a Vehicle for.. - Olav Bertelsen Christina (Correct)

Using the Concept of **Augmented Reality** as a **Vehicle** for Transcending the Desktop

Using the Concept of **Augmented Reality** as a **Vehicle** for Transcending the Desktop Tarpit Olav W.

that historically has served as the main **vehicle** for understanding the graphical workstation

[www.daimi.au.dk/~sorsha/Papers/ARmobHCISymp1.pdf](http://www.daimi.au.dk/~sorsha/Papers/ARmobHCISymp1.pdf)

Data Representation and Indexing in Location-Enabled.. - Christian Jensen Simonas (2002) (Correct)

the positions of other nearby players. In such **mixed-reality** games, the real physical world becomes the

generally. Folklore has it that 80-90% of all **automobile** drivers move towards a destination. This

and position-aware "cameras" and "wrist watches, **vehicles** with computing and navigation equipment, etc.

[www.cs.auc.dk/~csj/Papers/Files/2002\\_jensen.pdf](http://www.cs.auc.dk/~csj/Papers/Files/2002_jensen.pdf)

PlaceMemo: Using GPS and Mobile Computers to - Augment The Roads (Correct)

the administrative work. Keywords **Augmented reality**, mobile devices, articulation, prototype

in the vicinity. This is done while driving the **vehicle**. Examples of defects could be "potholes" in the

3.1 Input while mobile The need to stop the **vehicle** in order to either communicate or report is

[www.interactiveinstitute.se/mobility/Files/demoproposal\\_placememo\\_010517.pdf](http://www.interactiveinstitute.se/mobility/Files/demoproposal_placememo_010517.pdf)

Backseat Gaming: exploration of mobile properties for fun - Liselott Brunnberg Mobility (Correct)

environment with digital content to create a **mixed reality** combining the real surrounding with the

content and surrounding road context into an **augmented reality** game. Keywords Mobility, augmented

to the environment seen outside the window of the **vehicle**, the user will for example pass a swamp, an

[www.interactiveinstitute.se/mobility/Files/backseatgaming.pdf](http://www.interactiveinstitute.se/mobility/Files/backseatgaming.pdf)

A Model for Notification Systems - Evaluation---Assessing User Goals (Correct)

systems, heads-up displays (HUDs) and **augmented reality** applications. Collaboration tracking and

of network traffic [Weiser and Brown 1996] in-**vehicle** information systems, ambient media, and

extends to cover more ubiquitous displays, such as **vehicle** and wearable navigation/information systems,

[interruptions.net/literature/McCrickard-TOCHI03.pdf](http://interruptions.net/literature/McCrickard-TOCHI03.pdf)

Exploiting Proximity in Event-Based Middleware for - Collaborative Mobile.. (2003) (Correct)

indoor and outdoor smart environments, **augmented reality**, and traffic management. In a traffic

ambulance might disseminate its location to the **vehicles** traveling in front of it in order to have them

them yield the right of way. In general, inter-**vehicle** communication may contribute to better driver

[www.cs.tcd.ie/publications/tech-reports/./reports.03/TCD-CS-2003-36.pdf](http://www.cs.tcd.ie/publications/tech-reports/./reports.03/TCD-CS-2003-36.pdf)

PERVASIVE computing Published by the IEEE CS and IEEE.. - Coping With Uncertainty (Correct)

ARQuake project, 2 and Border Guards from the **Mixed Reality** Systems Laboratory. 3 This article

and B. Thomas, ARQuake: The Outdoors **Augmented Reality** System, Comm. ACM, vol. 45, no. 1, Jan.



a public artwork (in game format) and a research **vehicle** for location-based applications.  
As an artwork,  
[www.equator.ac.uk/Projects/CitywidePerformance/.../PublicationStore/IEEEpervasive.pdf](http://www.equator.ac.uk/Projects/CitywidePerformance/.../PublicationStore/IEEEpervasive.pdf)

International Immersive Projection Technologies Workshop.. - Deisinger Kunz Editors  
(2003) (Correct)

Eurographics Association 2003 Interactive **Augmented Reality** Techniques for  
Construction at a Distance  
with our original system, such as trees, **automobiles**, and concave buildings. Our  
implementation of  
[www.tinmith.net/papers/piekarski-ipt-egve-2003.pdf](http://www.tinmith.net/papers/piekarski-ipt-egve-2003.pdf)

Herding Sheep: - Live System Development (2003) (Correct)

C. GEIGER, M. HALLER, and V. PAELKE, Authoring **Mixed Reality**. A Component and  
Framework-Based Approach, in  
Live System Development for Distributed **Augmented Reality** Asa MacWilliams, Christian  
Sandor, Martin  
navigation [2]vizualization of prototype **automobile** designs [11]machine maintenance [7]  
and  
[www.bruegge.in.tum.de/publications/includes/pub/macwilli2003sheep/macwilli2003sheep.pdf](http://www.bruegge.in.tum.de/publications/includes/pub/macwilli2003sheep/macwilli2003sheep.pdf)

Connecting Automobiles To The Internet - Thierry Ernst And (2002) (Correct)

which support our life in order to offer **augmented reality**. In order to achieve telematics  
and  
Connecting **Automobiles** To The Internet Thierry Ernst And  
to meet the requirements of the ITS applications, **vehicles** must be connected to the  
Internet, permanently,  
[www.sfc.wide.ad.jp/~kei/papers/itst2002-ernst.pdf](http://www.sfc.wide.ad.jp/~kei/papers/itst2002-ernst.pdf)

Surface Modelling Of Urban 3d Objects From Vehicle-Borne.. - Zhao, Shibasaki (Correct)

System)and applications using virtual and **augmented reality**, details of urban out-door  
objects are  
(e.g. 1,6,15]With the development of **automobile** navigation system, 3D GIS (Geographic  
Surface Modelling Of Urban 3d Objects From **Vehicle-Borne** Laser Range Data Huijing  
Zhao A'  
[shiba.iis.u-tokyo.ac.jp/pub/publ/.../member/current/zhao/homepage/marchingcube.pdf](http://shiba.iis.u-tokyo.ac.jp/pub/publ/.../member/current/zhao/homepage/marchingcube.pdf)

*Documents 21 to 40* [Previous 20](#) [Next 20](#)

Try your query at: [Google \(CiteSeer\)](#) [Google \(Web\)](#) [Yahoo!](#) [MSN](#) [CSB](#)  
[DBLP](#)

CiteSeer.IST - Copyright [Penn State](#) and [NEC](#)



Find: (

Citations

Documents

Searching for **(mixed reality or augmented reality) and (automobile or vehicle)**.

Restrict to: Header Title Order by: Expected citations Hubs Usage Date Try:

Google (CiteSeer) Google (Web) Yahoo! MSN CSB DBLP

62 documents found. **Order: number of citations.**

IEEE ITS Council Newsletter (October 2002) - (ed) (2002) (Correct)

improve safety, for autonomous guidance, or **augmented reality** purposes. The program will consist of high

of locomotion, especially human gait and **automobile** driving, virtual rehabilitation of gait

Vol. 4, No. 4, October 2002 CFP: Workshop on "In-**Vehicle** (Cognitive) Computer Vision Systems" by Rita

[www.ce.unipr.it/itsc/newsletters/v4n4.pdf.gz](http://www.ce.unipr.it/itsc/newsletters/v4n4.pdf.gz)

Light Widgets: Interacting in Every-day Spaces - Fails, Olsen, Jr. (2002) (Correct)

the user touches. Ubiquitous Computing and **Augmented Reality** Traditionally, ubiquitous computing and

he is working just to adjust the height of the **vehicle**. Another user might create two light widgets on

[www.iuiconf.org/02pdf/2002-001-0011.pdf](http://www.iuiconf.org/02pdf/2002-001-0011.pdf)

Communication Paradigms for Mobile Computing - Meier (2003) (Correct)

indoor and outdoor smart environments, **augmented reality**, and traffic management typically comprise

of appliances ranging in size from door locks to **vehicle** controllers performing tasks on behalf of their

such as automatically opening doors and routing **vehicles** to their intended destinations. Emerging mobile

[www.cs.tcd.ie/publications/tech-reports/./reports.03/TCD-CS-2003-23.pdf](http://www.cs.tcd.ie/publications/tech-reports/./reports.03/TCD-CS-2003-23.pdf)

A Framework for Analysing Mobile and Ubiquitous Service - Scenarios Petri Pulli (Correct)

generators, etc. advanced modalities such as **augmented reality**, head-mounted-display and haptic interfaces

to design process. QFD is heavily used in **automobile** industries to design for customer paula.oulu.fi/Publications/Submitted/CREST02.pdf

Visual Interference with a Transparent - Head Mounted Display (Correct)

support a number of applications ranging from **augmented reality** to aircraft inspection [2,4,5]In this

also be unsuitable for use by someone in a moving **vehicle**. Nevertheless when hands-free operation and

[www.winslam.com/rlaramee/publication/./HMD/laramee01visual.pdf](http://www.winslam.com/rlaramee/publication/./HMD/laramee01visual.pdf)

Reconstructing Urban 3D Model using Vehicle-borne Laser Range .. - Zhao, Shibasaki (2001) (Correct)

System)and applications using virtual and **augmented reality**, there is a growing demand for complete  
On the other hand, with the development of **automobile** navigation system, 3D GIS (Geographic  
Reconstructing Urban 3D Model using **Vehicle**-borne Laser Range Scanners Huijing Zhao\*  
shiba.iis.u-tokyo.ac.jp/pub/publ/.../member/current/zhao/homepage/3dim2001.pdf

Situational Visualization - Krum, Ribarsky, Shaw, Hodges, Faust (2001) (Correct)  
of the 2nd International Symposium on **Mixed Reality**, March 2001. 12] Michael R. Macedonia,  
Situational Visualization is also an **Augmented Reality** application in that one is simultaneously  
construction engineering, and even the daily **automobile** commute. In this paper, we define a set of  
[gromit.resnet.gatech.edu/~dkrum/papers/sit-vis.pdf](http://gromit.resnet.gatech.edu/~dkrum/papers/sit-vis.pdf)

Real-time Cooperative Behavior for Tactical Mobile Robot Teams.. - By (Correct)  
provide force or tactile feedback. He used a **mixed reality** feedback system, with both VR and actual  
platforms. 2.1 Wearable Computing and **Augmented Reality** A complete robot OCU suitable for field  
means. A heads-up display in an aircraft or other **vehicle** is a common example, where graphical and textual  
[www.cc.gatech.edu/ai/robot-lab/tmr/skillsassessment.pdf](http://www.cc.gatech.edu/ai/robot-lab/tmr/skillsassessment.pdf)

Moving Object Graphs and Layer Extraction from Image Sequences - David Tweed And (2001) (Correct)  
likely to be useful in applications such as **augmented reality**. Two related tasks need to be tackled when  
we describe here tackles this issue head on. Our **vehicle** for doing this is the Moving Object Graph (MOG)  
[www.cs.bris.ac.uk/Tools/Reports/Ps/2001-tweed.ps.gz](http://www.cs.bris.ac.uk/Tools/Reports/Ps/2001-tweed.ps.gz)

VR-Techniques for Industrial Applications - Zachmann (1998) (Correct)  
or mixed forms. An example of this is "**augmented reality**"8]the user sees his real environment  
training architecture walkthrough ergonomics **reality augmented** not yet not no longer high high presence  
Examples are: repair of a satellite by means of a **vehicle** armed with tools steering of a **vehicle** where  
[web.informatik.uni-bonn.de/II/ag-klein/people/zach/papers/vr-for-industry.ps.gz](http://web.informatik.uni-bonn.de/II/ag-klein/people/zach/papers/vr-for-industry.ps.gz)

Wearable Devices: New Ways to Manage Information - Billingham, Starnier (1999) (Correct)  
where its wearer goes. The second goal is to **augment reality**, for example, by overlaying or audio on the real world. Unlike virtual reality, **augmented reality** seeks to enhance the real  
aircraft maintenance, navigational assistance, and **vehicle** inspection. The elements of a

wearable computer  
[www.engr.uvic.ca/~seng310/links/./articles/wearable\\_devices.pdf](http://www.engr.uvic.ca/~seng310/links/./articles/wearable_devices.pdf)

Non-User Centered Design of Personal Mobile Technologies - Herstad, al. (2000)  
(Correct)

the use of cellular telephones, pagers, PDAs, **augmented reality** technologies (Butz, Hollerer et al. 1999)  
disciplines. In discussions about virtual reality and **augmented reality**, space is of central concern.  
for investigating the role of the non-user. The **automobile** is used as an example of a personal mobile  
[iris23.htu.se/proceedings/PDF/53final.PDF](http://iris23.htu.se/proceedings/PDF/53final.PDF)

Virtual Environment Modeling by Integrated Optical and .. - Fusiello.. (1999) (Correct)  
[7] A. Fusiello, R. Giannitrapani, V. Isaia, and V. Murino. Virtual environment modeling by  
[ftp.sci.univr.it/pub/Papers/Fusiello/00620437.pdf](http://ftp.sci.univr.it/pub/Papers/Fusiello/00620437.pdf)

URCP: Design and Implementation of a Protocol to.. - Donnelly Barnstedt.. (1999)  
(Correct)

URCP: Design and Implementation of a Protocol to Support the Single  
[ftp.cs.tcd.ie/pub/tech-reports/reports.99/TCD-CS-1999-73.ps.gz](http://ftp.cs.tcd.ie/pub/tech-reports/reports.99/TCD-CS-1999-73.ps.gz)

Proc. American Nuclear Society (ANS) 7 - Topical Meeting On (1997) (Correct)  
developed in our lab 4,5,6 ARGOS is a "**Mixed Reality**" display interface 7 employing calibrated  
April 27-May 1, 1997. Pp. 966-973. 966 An **Augmented Reality** Based Teleoperation Interface For  
general problem of managing a remotely situated **vehicle** or manipulator system is discussed, from the  
[vered.rose.utoronto.ca/publication/1997/Milgram\\_Yin\\_ANS1997.pdf](http://vered.rose.utoronto.ca/publication/1997/Milgram_Yin_ANS1997.pdf)

Multimedia Signal Processing Applications and Systems - Venetsanopoulos, Dumitras□ (2000) (Correct)  
digital museums Virtual entertainment **Augmented reality** surgery Multimedia distant learning  
are micro{browser capabilities for the Internet, **vehicle** trac and global positioning system{GPS} based  
[www.dsp.toronto.edu/~adrianad/~./art-cscc2k-fin.ps.gz](http://www.dsp.toronto.edu/~adrianad/~./art-cscc2k-fin.ps.gz)

Augmented Reality as a Design Tool for Mobile Interfaces - Bertelsen, Nielsen (Correct)  
**Augmented reality** as a design tool for mobile interfaces  
that historically has served as the main **vehicle** for understanding the graphical workstation is  
[www.daimi.au.dk/~olavb/docs/dis2k.pdf](http://www.daimi.au.dk/~olavb/docs/dis2k.pdf)

Image-Based Walk-Through System for Large-Scale Scenes - Takaaki Endo Akihiro (1998) (Correct)  
Tanikawa 2) and Makoto Saito 2) 1) **Mixed Reality** Systems Laboratory Inc. 6-145 Hanasakicho,

of a town are taken using cameras placed on an **automobile** [3] Figure 1)The **automobile** is equipped with  
[www.mr-system.com/publications/papers/vsimm98\\_endo.pdf](http://www.mr-system.com/publications/papers/vsimm98_endo.pdf)

Augmented Performance in Dance and Theater - Sparacino, Wren, Davenport.. (1999)  
(Correct)

Performance" by analogy with the term "**Augmented Reality**, which contrasts "Virtual Reality. In which are centered on the body as the primary **vehicle** of communication, with the aid of the latest  
[www-white.media.mit.edu/~flavia/Papers/theater.pdf](http://www-white.media.mit.edu/~flavia/Papers/theater.pdf)

Models and Mechanisms for Tangible User Interfaces - Ullmer (1997) (Correct)

environments they inhabit. Systems exploring **augmented reality** and ubiquitous computing have begun to related work lies in the area of "**augmented reality**. **Augmented reality** is broadly concerned with Incorporated within devices ranging from **automobiles**, water faucets, and telephones, to elevators,  
[tangible.media.mit.edu/~ullmer/papers/bau-msthesis.pdf](http://tangible.media.mit.edu/~ullmer/papers/bau-msthesis.pdf)

*Documents 41 to 60* [Previous 20](#) [Next 20](#)

Try your query at: [Google \(CiteSeer\)](#) [Google \(Web\)](#) [Yahoo!](#) [MSN](#) [CSB](#)  
[DBLP](#)

CiteSeer.IST - Copyright [Penn State](#) and [NEC](#)



Find: (

Citations

Documents

Searching for **(mixed reality or augmented reality) and (automobile or vehicle)**.

Restrict to: [Header](#) [Title](#) Order by: [Expected citations](#) [Hubs](#) [Usage](#) [Date](#) Try:

[Google \(CiteSeer\)](#) [Google \(Web\)](#) [Yahoo!](#) [MSN](#) [CSB](#) [DBLP](#)

62 documents found. **Order: number of citations.**

Virtual Environment Modeling by Integrated Optical and .. - Fusiello.. (1999) (Correct)

superimposed on actual images, generating an **augmented reality** representation. Results on a real

Acoustic and optical devices onboard an underwater **vehicle** are used to sense the environment in order to

registering data to a model. In this way, **vehicle** pose is derived, and the model objects can be

[taras.dimi.uniud.it/pub/papers/3dim.ps.gz](http://taras.dimi.uniud.it/pub/papers/3dim.ps.gz)

WearCom: A Wearable Communication Space - Billinghamurst, Bowskill, Morphett (1998)

(Correct)

aid communication. The result is a portable **augmented reality** communication space with audio enabled

97]navigational assistance [Feiner 97] and **vehicle** mechanics [Bass 97]In such applications

reducing task time by half in the case of **vehicle** inspection [Bass 97]Many of the target

[www.hitl.washington.edu/publications/r-97-48/r-97-48.ps](http://www.hitl.washington.edu/publications/r-97-48/r-97-48.ps)

[Documents 61 to 62](#) [Previous 20](#)

Try your query at: [Google \(CiteSeer\)](#) [Google \(Web\)](#) [Yahoo!](#) [MSN](#) [CSB](#)  
[DBLP](#)

CiteSeer.IST - Copyright [Penn State](#) and [NEC](#)